

Apparel & Accessories

Apparel & Accessories algorithm is developed to automatically identify particular characteristics of a new potential customer interested in apparel with certain parameters, and specify product recommendations based on this data.

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Add Additional Parameters to Your XML-file

For the algorithm to work properly every product in your [XML Product Feed](#) should have additional properties:

- gender this product is targeted at;
- product size and sizing systems;
- additional category-specific data.

This data should be included into the [XML-file](#) in the form of specific product parameters and send to REES46.

Section <fashion>

A distinctive feature of a product from Apparel & Accessories category is presence of the *<fashion>* sub section inside the *<offer>* section.

Add the following parameters to each product to your **XML-File**.

Gender

Optional parameter **<gender>**. Placed inside the *<offer>* section, within the *<fashion>* subsection.

Consider the following table of possible attributes:

Value	Description
m	Male
f	Female

Consider the following example of use:

XML example

```
...
<offer ...>
  ...
  <fashion>
    <gender>f</gender>
  </fashion>
</offer>
...
```



No need to specify the gender this particular product is targeted at, if you do not have this data (gender). In this case, this particular product will simply be marked as 'unisex' and will have a lower displaying priority in relation to other products with the specified gender parameter.

Clothing Type

Mandatory parameter `<type>`. Placed inside the `<offer>` section, within the `<fashion>` subsection.

Consider the following table of possible attributes:

Value	Description
shoe	Shoes
shirt	Shirts, blouses and dresses
tshirt	T-shirt
underwear	Underwear
trouser	Pants, jeans, shorts, skirts and swimsuits
jacket	Jackets, coats, fur coats
blazer	Blazers, vests, pullovers and cardigans
sock	Socks
belt	Belts
hat	Hats
glove	Gloves



No need to specify the type of the particular product if you do not have the **size** parameter.

Consider the following example of use:

XML example

```

...
<offer ...>
  ...
  <fashion>
    <gender>f</gender>
    <type>shoe</type>
  </fashion>
</offer>
...

```

Clothing Size

Mandatory parameter `<sizes>`. Placed inside the `<offer>` section, within the `<fashion>` subsection.

Taking into account variety of world sizing systems, every clothing size should have the respective prefix.

Consider the following table of possible prefixes:

Sizing system	Description	Example
Prefix is not needed or prefix is 'r'	Russian sizing system	r44, 44
'e'	European sizing system	e38

<i>Prefix is not needed, if only the letters used, otherwise - prefix 'u'</i>	U.S. / international sizing system	XS, u30
'b'	British sizing system	b6
'h'	Height (for baby and children apparel)	h89-95
<i>Prefix is not needed</i>	Unisex (fits all sizes)	null



Single product can have more than one size, hence all the available sizes should be passed in the form of a list - each size wrapped in the tag `<size>`.

Consider the following example of use:

XML example

```

...
<offer ...>
  ...
  <fashion>
    <gender>f</gender>
    <type>shoe</type>
    <sizes>
      <size>e40</size>
      <size>e42</size>
      <size>e44</size>
      <size>e48</size>
    </sizes>
  </fashion>
</offer>
...

```

Color

Optional parameter `<color>`. Placed inside the `<offer>` section.



One product can have several colors. The "picture" attribute may be missing, in which case the main image of the product is used.

Consider the following example of use:

XML example

```
...
<offer ...>
  ...
  <fashion>
    <gender>f</gender>
    <type>shoe</type>
    <sizes>
      <size>e40</size>
      <size>e42</size>
      <size>e44</size>
      <size>e48</size>
    </sizes>
    <color>red</color>
    <color picture="https://mystore.com/product/100500/pictures/yellow.
jpg">yellow</color>
  </fashion>
</offer>
...
```

Features

Optional parameter **<feature>**. Placed inside the *<offer>* section, within the *<fashion>* subsection.

Consider the following table of possible attributes:

Value	Description
pregnant	Maternity clothing

Consider the following example of use:

XML example

```
...
<offer ...>
  ...
  <fashion>
    <gender>f</gender>
    <type>jacket</type>
    <feature>pregnant</feature>
  </fashion>
</offer>
...
```

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